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In the Matter of:
MATRIX ENERGY, LLC
FOR DETERMINATION OF
RETAIL ELECTRIC SUPPLIER

CASE NO. 2003-00228

**ANSWERS OF MATRIX ENERGY, LLC TO DATA REQUESTS BY
KENTUCKY POWER COMPANY D/B/A
AMERICAN ELECTRIC POWER**

Comes Matrix Energy, LLC, by counsel, and for its Answers to the data requests submitted by Kentucky Power Company d/b/a American Electric Power to Matrix Energy, LLC, states as follows:

Data Requests

1. Assuming only the presently permitted area is mined, please provide the following information concerning Matrix' proposed mining operations at the Matrix mine:

- (a) the expected dates of mining activity in Big Sandy RECC's certified territory;
- (b) the expected dates of mining activity in Kentucky Power d/b/a American Electric Power's certified territory;
- (c) the typical number of section miners to be deployed in Big Sandy RECC's certified territory and the length of time each section miner will be so deployed;
- (d) the typical number of section miners to be deployed in Kentucky Power d/b/a American Electric Power's certified territory and the length of time each section miner will be so deployed;
- (e) the total tons of coal projected to be mined within Big Sandy RECC's certified territory.
- (f) the total tons of coal projected to be mined within Kentucky Power d/b/a American Electric Power's certified territory.

Answer 1(a): Matrix expects to conduct mining activities in Big Sandy RECC's certified territory from January 1, 2004, through October 19, 2010.

Answer 1(b): Matrix expects to conduct mining activities in Kentucky Power d/b/a American Electric Power's certified territory from January 17, 2004, to January 20, 2012.

Answer 1(c): Matrix Energy will typically operate one section miner in Big Sandy RECC's certified territory from January 1, 2004, through October 19, 2010.

Answer 1(d): Matrix will typically operate three section miners in Kentucky Power d/b/a American Electric Power's certified territory from January 17, 2004, through January 20, 2012.

Answer 1(e): Matrix projects that 2.2 million tons of coal will be mined from within Big Sandy RECC's certified territory.

Answer 1(f): Matrix projects that it will mine 8.6 million tons of coal from Kentucky Power d/b/a American Electric Power's certified territory.

2. Assuming Matrix Energy's present plans to mine the Alma reserves at the Matrix mine are realized (including both the currently permitted and currently unpermitted reserves), please provide the following information concerning Matrix' proposed mining operations at the Matrix mine:

- (a) the expected dates of mining activity in Big Sandy RECC's certified territory;
- (b) the expected dates of mining activity in Kentucky Power d/b/a American Electric Power's certified territory;
- (c) the typical number of section miners to be deployed in Big Sandy RECC's certified territory and the length of time each section miner will be so deployed;
- (d) the typical number of section miners to be deployed in Kentucky Power d/b/a American Electric Power's certified territory and the length of time each section miner will be so deployed;
- (e) the total tons of coal projected to be mined within Big Sandy RECC's certified territory.
- (f) the total tons of coal projected to be mined within Kentucky Power d/b/a American Electric Power's certified territory.

Answer 2(a): Matrix plans to mine the currently unpermitted reserves of the Alma reserves in Big Sandy RECC's certified territory from September 1, 2004, through September 9, 2011.

Answer 2(b): Matrix plans to mine the currently unpermitted reserves of the Alma reserves in Kentucky Power d/b/a American Electric Power's certified territory from March 20, 2007, through October 26, 2014.

Answer 2(c): Matrix will typically operate one section miner in the Big Sandy RECC's certified territory from September 1, 2004, through September 9, 2011.

Answer 2(d): Matrix will typically operate three section miners in Kentucky Power d/b/a American Electric Power's certified territory from March 20, 2007, through October 26, 2014.

Answer 2(e): Matrix projects that it will mine a total of 4.1 million tons of coal from the permitted and unpermitted reserves of the Alma reserves within Big Sandy RECC's certified territory.

Answer 2(f): Matrix projects that it will mine 12.5 million tons of coal from the unpermitted and permitted reserves of the Alma reserves within Kentucky Power d/b/a American Electric Power's certified territory.

3. Please refer to Mr. Horn's answers to questions 11 and 12 of his pre-filed testimony. On a map of suitable scale that illustrates (1) the boundary line between the certified territories of Kentucky Power d/b/a American Electric Power and Big Sandy RECC and (2) the boundaries of the Alma reserves, please provide the following:

- (a) the boundary of each of the six mining operations listed in the answers;
- (b) the name of the company performing the mining operation, and if different, the identity of the owner of the mine;
- (c) the approximate delivery point for electrical service for each mining operation.

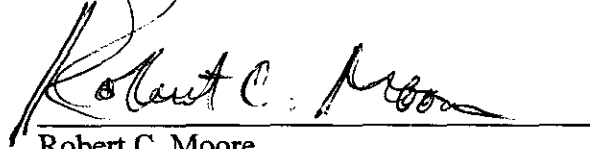
Answer 3: (a) The boundaries of each of the six (6) coal seams mined on the Czar site are reflected on the map attached as Exhibit D.

- (b) The company with ownership rights to the majority of the coal in each seam is Pocahontas Land Corporation. More than twenty (20) different companies performed the mining operations on these coal seams, and Matrix does not know the identity of each of these companies.
- (c) The approximate delivery point for electrical service for each mining operation is reflected on the map attached as Exhibit D.

4. Please refer to Mr. Horn's answer to Question 17 of his pre-filed testimony. Mr. Horn makes five references in his answer to the "Czar Mine site." On a map of suitable scale that also illustrates (1) the boundary line between the certified territories of Kentucky Power d/b/a American Electric Power and Big Sandy RECC and (2) the boundaries of the Alma reserves, please illustrate the boundary of the "Czar mine site" as that term is used in Mr. Horn's answer. If the term refers to different mine sites, please illustrate the boundaries of each mine site and indicate which reference in the answer each boundary illustrates.

Answer 4: The map attached as Exhibit D contains the boundary line between the certified territories of Kentucky Power and Big Sandy. The boundary of the Czar mine site is also reflected on the map attached as Exhibit D.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Robert C. Moore", written over a horizontal line.

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COUNSEL FOR MATRIX ENERGY, LLC

CERTIFICATE OF SERVICE

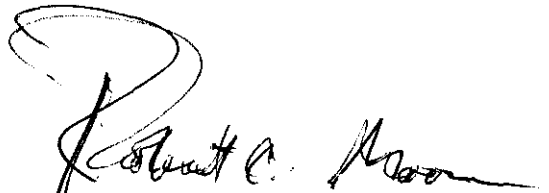
I hereby certify that a copy of the foregoing Answer was served by United States First Class Mail, postage prepaid, on this 17th day of October, 2003 upon:

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